London when the laſt Earthquake happen'd), that he either had *no Perception* at all concerning himſelf and the Ground under him; or at leaſt was ſo intirely engaged in obſerving what he ſaw and heard, that he had no Attention to what he felt.

N. B. I made this Memorandum immediately after after converſing with this *Robert Shaw*; and therefore I ſuppoſe it contains a tolerably exact Account of what he related to me.

Friday Morning, March 9. 1749.

James Burrow.

XVII.

The Rev. H. Miles *D. D. F. R. S. to Mr.* H. Baker *F. R. S. containing a more full Account of the ſame than his former Letter*, Art. XII.

Read March 15. 1749.

I NOW ſend you the beſt Account I am able of the Earthquake which was ſo generally felt in the City, and round about it, on the 8th inſtant in the Morning at 5^h 40′ nearly, equal time.

I was then ſtanding in my Study, when I heard a Noiſe, at the firſt Moment, very like the Exploſion I heard ſeveral Years ago, when ſome drying and Storehouſes of Gunpowder were blown up about 6 Miles from us: This Noiſe iſſued in a Murmur in the Air, like diſtant Thunder, and ended like a ruſhing Wind: There was no perceivable Intermiſſion

in

in the Noiſe from firſt to laſt; it ſeemed to come from the Weſt, and continued about 4′ excluſive of the Tremor, which laſted ſome time after the Noiſe ſeemed to have ceaſed. I found no Motion of the Floor, which is over a Cellar, upon a Level with other adjoining Ground-floors; but the Doors of my Book-Preſſes, at the Weſt End of the Room, ſhook took to and again, and the Rings on the Doors rattled exceedingly; but I was not ſenſible of any Motion of the other Doors on the Sides of the Room, near to ſome of which I then ſtood.—— Such of the Family as were in Bed felt their Beds to be raiſed up, and then ſhook from Side to Side.

A ſenſible young Gentleman, who call'd upon me that Morning as he came from *London*, told me, that, conſidering the Situation his Bed was placed in, and the Motion he felt from one Side to another, he coucluded the Shock proceeded from the Weſt. The ſame Obſervation, he ſaid, others had made, with whom he had talked.

It was univerſally felt here, and very much at the following Places around us: At *Merton*, about a Mile S. W. from us, and at *Mitcham*, about 2 Miles S. at *Croydon*, 4 Miles S. ſome Tiles fell from Houſes; it greatly alarmed the Inhabitants of *Streatham*, about a Mile and a half Eaſt of us; at *Clapham*, two Miles and a half N. a Chimney, and other Parts of a Building fell down; at *Wandſworth*, two Miles N. W. the Shock was very great; eſpecially near the Side of the *Thames*. It was felt likewiſe at *Epſom*, about nine Miles S. W. from us; but how much farther, my Information does not ſay.

Upon

Upon Inquiry made of ſeveral Perſons, who were abroad at the time, going to their Work, I cannot hear of any one, who ſaw any Lightning, perceiv'd any Noiſe, or felt any thing of an Earthquake.

The States of the Barometer and Thermometer were not remarkably different from what they had been for ſeveral preceding Days; however I have added them underneath, and am

Teoting, March 14. 1749. *Your, and the* Royal Society's *moſt obedient Servant,*

H. Miles.

♃ Day at 4ʰ *a. m.* Bar. 30,07. Therm. 32 almoſt, W. W. clear, and white Froſt.
D° at 9ʰ *p. m.* Bar. 29,99. Therm. 40, clear Evening.
☿ Day at 4ʰ *a. m.* Bar. 30,07. Therm. 40, cloudy Morning. W. W.
D° at 2ʰ *p. m.* Bar. 30,14. Therm. 58, cloudy Evening. W. W.

XVIII.

John Martyn *M. D. F. R. S.* &c. *to the* Preſident, *concerning the ſame.*

SIR, *Chelſea, March* 14. 1749.

Read March 15. 1749. I ONCE more trouble you with the Mention of an Earthquake, which was felt here on *Thurſday* the 8th inſtant, at about half